

WEST 1.0

Help

Main Menu Search Form Result Set Show WS Numbers Edit WS Numbers

First Hit

Previous Document

Next Document

Full Citation Review Classification Date Reference

Document Number 34

Entry 86 of 415

File:DERWENT

August 17, 1999

DERWENT-ACC-NO: 1985-223418

DERWENT-WEEK: 198536

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TITLE:

Security system for electronic funds transfer - generating security code by determining next available random number and combining it with transaction parameter

INVENTOR:WHITE, P

PATENT-ASSIGNEE: INT SECURITY NOTE[ITSEN], WHITE PURITY NOTE[WHITI]

PRIORITY-DATA: 1984US-0580003 (February 14, 1984)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 8503787 A	August 29, 1985	E	031	N/A
CA 1232684 A	February 9, 1988	N/A	000	N/A
EP 172877 A	March 5, 1986	E	000	N/A
JP 61501477 W	July 17, 1986	N/A	000	N/A
US 4630201 A	December 16, 1986	N/A	000	N/A

DESIGNATED-STATES: JP AT BE CH DE FR GB LU NL SE AT BE CH DE FR GB LI LU NL S
ECITED-DOCUMENTS: EP 10496; SSR880615 ; US 3764742 ; US 4001500 ; US 4025760
; US 4234932 ; US 4271482 ; US 4302810 ; US 4341951 ; US 4353064 ; US
4396914 ; US 4471216

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
WO 8503787A	N/A	1985WO-US00168	February 5, 1985
EP 172877A	N/A	1985EP-0901177	February 5, 1985
US 4630201A	N/A	1984US-0580003	February 14, 1984

IPC: G06F007/58; G06F015/20 ; H04L009/02

ABSTRACTED-PUB-NO:US 4630201A

BASIC-ABSTRACT:The transfer system includes a central processor and a portable transaction device having an internal memory. The security system is operable in both on-line and off-line modes. The security system generates a list of random numbers which corresp. to a sequence of transaction numbers, to store the list of random numbers at both the central processor and in the portable transaction device. A security code associated with each successive transaction is generated. The security code

WEST 1.0

Help

Main Menu Search Form Result Set ShowWS Numbers Edit WS Numbers

First Hit

Previous Document

Next Document

Full

Citation

Review

Classification

Date

Reference

Document Number 63

Entry 240 of 415

File:DERWENT

August 17, 1999

DERWENT-ACC-NO: 1994-037797

DERWENT-WEEK: 199405

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TITLE:

Electronic filing system with detachable recording medium - allocates volume label formed by combining number next to latest number and device identification number to each newly attached recording medium NoAbstract

PATENT-ASSIGNEE: RICOH KK[RICO]

PRIORITY-DATA: 1992JP-0152193 (June 11, 1992)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 05342328 A	December 24, 1993	N/A	010	G06F 015/62

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP05342328A	N/A	1992JP-0152193	June 11, 1992

IPC: G06F012/00; G06F015/40 ; G06F015/62 ; G11B027/00 ; H04N001/21

ABSTRACTED-PUB-NO:JP05342328A

EQUIVALENT-ABSTRACT:

CHOSEN-DRAWING:Dwg.1/6

TITLE-TERMS:

ELECTRONIC FILE SYSTEM DETACH RECORD MEDIUM ALLOCATE VOLUME LABEL FORMING
COMBINATION NUMBER LATE NUMBER DEVICE IDENTIFY NUMBER NEW ATTACH RECORD
MEDIUM NOABSTRACT

DERWENT-CLASS: T01 W02 W04

EPI-CODES: T01-J05B2; W02-J03D; W04-K05;

Non-CPI Secondary Accession Numbers:N1994-029438

Main Menu Search Form Result Set ShowWS Numbers Edit WS Numbers

First Hit

Previous Document

Next Document

Full

Citation

Review

Classification

Date

Reference

WEST 1.0

Help

Main Menu Search Form Result Set ShowWS Numbers Edit WS Numbers

First Hit

Previous Document

Next Document

- Full - Citation - Review - Classification - Date - Reference

Document Number 130

Entry 187 of 415

File:DERWENT

August 17, 1999

DERWENT-ACC-NO: 1992-429572

DERWENT-WEEK: 199252

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TITLE:

Store-and-forward facsimile switching system - has function for finding destination name from called subscriber number and logical subscriber number and appending found destination name to transmission text NoAbstract

PATENT-ASSIGNEE: FUJITSU COMMUNICATION SYSTEMS KK[FUJIN], FUJITSU LTD
MUNICIPALITY SYSTEMS KK[FUIT]

PRIORITY-DATA: 1991JP-0095942 (April 26, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 04326653 A	November 16, 1992	N/A	007	H04N 001/00

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP04326653A	N/A	1991JP-0095942	April 26, 1991

IPC: H04N001/00

RELATED-ACC-NO: 1992-429557;1992-429569

ABSTRACTED-PUB-NO:JP04326653A

EQUIVALENT-ABSTRACT:

CHOSEN-DRAWING:Dwg.1/4

TITLE-TERMS:

STORAGE FORWARD FACSIMILE SWITCH SYSTEM FUNCTION FINDER DESTINATION NAME
CALL SUBSCRIBER NUMBER LOGIC SUBSCRIBER NUMBER FOUND DESTINATION NAME
TRANSMISSION TEXT NOABSTRACT

DERWENT-CLASS: W02

EPI-CODES: W02-J08A;

Non-CPI Secondary Accession Numbers:N1992-327906

Main Menu Search Form Result Set ShowWS Numbers Edit WS Numbers

First Hit

Previous Document

Next Document

WEST 1.0[Help](#)[Main Menu](#) [Search Form](#) [Result Set](#) [ShowWS Numbers](#) [Edit WS Numbers](#)[First Hit](#)[Previous Document](#)[Next Document](#)[Full](#)[Citation](#)[Review](#)[Classification](#)[Date](#)[Reference](#)**Document Number 56**

Entry 76 of 415

File:DERWENT

August 17, 1999

DERWENT-ACC-NO: 1984-155313

DERWENT-WEEK: 198425

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TITLE:

Secure paging system preventing unauthorised call - uses coded number by combining each digit number of dial number with multiplication circuit
NoAbstract Dwg 1/3

PATENT-ASSIGNEE: NIPPON ELECTRIC CO[NIDE]

PRIORITY-DATA: 1982JP-0192158 (November 1, 1982)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 59081931 A	May 11, 1984	N/A	011	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP59081931A	N/A	1982JP-0192158	November 1, 1982

IPC: H04B007/26; H04K001/00 ; H04Q007/04

ABSTRACTED-PUB-NO:

EQUIVALENT-ABSTRACT:

TITLE-TERMS:

SECURE PAGE SYSTEM PREVENT UNAUTHORISED CALL CODE NUMBER COMBINATION 81931A
DIGITAL NUMBER DIAL NUMBER MULTIPLICATION CIRCUIT NOABSTRACT

DERWENT-CLASS: W01 W02 W05

[Main Menu](#) [Search Form](#) [Result Set](#) [ShowWS Numbers](#) [Edit WS Numbers](#)[First Hit](#)[Previous Document](#)[Next Document](#)[Full](#)[Citation](#)[Review](#)[Classification](#)[Date](#)[Reference](#)[Help](#)

WEST 1.0[Help](#)[Main Menu](#) [Search Form](#) [Result Set](#) [ShowWS Numbers](#) [Edit WS Numbers](#)[First Hit](#)[Previous Document](#)[Next Document](#)[Full](#) [Citation](#) [Review](#) [Classification](#) [Date](#) [Reference](#)**Document Number 106**

Entry 369 of 415

File:DERWENT

August 17, 1999

DERWENT-ACC-NO: 1998-093792

DERWENT-WEEK: 199809

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TITLE:

Channel capturing method for communication in computer networks e.g. LAN - involves forming unique channel number by combining specific port numbers of terminals for call connection control

PATENT-ASSIGNEE: OKI ELECTRIC IND CO LTD[OKID]

PRIORITY-DATA: 1996JP-0157725 (May 29, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 09321780 A	December 12, 1997	N/A	005	H04L 012/28

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP09321780A	N/A	1996JP-0157725	May 29, 1996

IPC: H04L012/28

ABSTRACTED-PUB-NO:JP09321780A

BASIC-ABSTRACT:The method involves using specific port numbers allotted to terminals (10,11) connected to a network (1). When communication is to be carried out between the terminals, then their port numbers are combined and a unique channel number is formed for call connection control. ADVANTAGE - Enables to form channel number automatically.

CHOSEN-DRAWING:Dwg.1/4

TITLE-TERMS:

CHANNEL CAPTURE METHOD COMMUNICATE COMPUTER NETWORK LAN FORMING UNIQUE CHANNEL NUMBER COMBINATION SPECIFIC PORT NUMBER TERMINAL CALL CONNECT CONTROL

DERWENT-CLASS: W01

EPI-CODES: W01-A06B5A; W01-A06E1; W01-C02A7;

Non-CPI Secondary Accession Numbers:N1998-075024

[Main Menu](#) [Search Form](#) [Result Set](#) [ShowWS Numbers](#) [Edit WS Numbers](#)

WEST 1.0

Help

Main Menu

Search Form

Result Set

ShowWS Numbers

Edit WS Numbers

First Hit

Previous Document

Next Document

Full

Citation

Review

Classification

Date

Reference

Document Number 68

Entry 273 of 415

File:DERWENT

August 17, 1999

DERWENT-ACC-NO: 1996-315500

DERWENT-WEEK: 199632

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TITLE:

Electronic telephone directory extension method - involves performing reference processing of telephone number by combining telephone directory information by PDA side

PATENT-ASSIGNEE: SONY CORP[SONY]

PRIORITY-DATA: 1994JP-0301537 (November 10, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 08139798 A	May 31, 1996	N/A	009	H04M 001/27

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP08139798A	N/A	1994JP-0301537	November 10, 1994

IPC: H04M001/274

ABSTRACTED-PUB-NO:JP08139798A

BASIC-ABSTRACT:The method involves using a portable information terminal PDA (10) to which the connection with communication circuit is not made, is connected with portable telephone (30) through a PCMCIA interface (28). The interface transmits and receives information between the terminal and telephone. Then, the telephone directory information in the telephone directory information in the telephone side is transmitted to the PDA side. Then, telephone number reference processing is performed by combining the telephone number directory information by the side of PDA. The searched telephone number is then transferred to telephone side and call processing is performed. Then, the communication circuit is connected. ADVANTAGE - Utilizes telephone directory function effectively.

CHOSEN-DRAWING:Dwg.6/6

TITLE-TERMS:

ELECTRONIC TELEPHONE DIRECTORY EXTEND METHOD PERFORMANCE REFERENCE PROCESS
TELEPHONE NUMBER COMBINATION TELEPHONE DIRECTORY INFORMATION SIDE

ADDL-INDEXING-TERMS:

PERSONAL DIGITAL ASSIST

DERWENT-CLASS: W01

WEST 1.0

Help

Main Menu

Search Form

Result Set

Show VWS Numbers

Edit VWS Numbers

First Hit

Previous Document

Next Document

Full

Citation

Review

Classification

Date

Reference

Document Number 85

Entry 202 of 415

File:DERWENT

August 17, 1999

DERWENT-ACC-NO: 1993-159342

DERWENT-WEEK: 199319

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TITLE:

Decoding variable length codeword embedded in bit stream - combining number of leading 1's and remainder bits in Huffman codeword to form address in random access memory

INVENTOR:RUETZ, P A; TONG, P

PATENT-ASSIGNEE: LSI LOGIC CORP[LSILN]

PRIORITY-DATA: 1992US-0905257 (June 26, 1992) , 1991US-0737620 (July 30, 1991) , 1991US-0737959 (July 30, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5208593 A	May 4, 1993	N/A	012	H03M 007/4C

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
US 5208593A	CIP of	1991US-0737620	July 30, 1991
US 5208593A	CIP of	1991US-0737959	July 30, 1991
US 5208593A	N/A	1992US-0905257	June 26, 1992
US 5208593A	CIP of	US 5181031	N/A

IPC: H03M007/40

ABSTRACTED-PUB-NO:US 5208593A

BASIC-ABSTRACT:The method involves detecting the number of leading 1's in the variable length codeword and looking up from a store (i) a 'tail length' corresp. to the max. number of bits following one number of leading 1's and (ii) a first memory address. In accordance with the tail length, a bit string including the bits of the codeword following the leading 1's is sepd. from the bit stream. The first memory address and one bit string are combined to form a second memory address which is used to access a second store to obtain a decoded value of the codeword. The step of sepg. involves providing the bit string in a reversed order and setting to zero all bits not belonging to the codeword. USE/ADVANTAGE - For detecting Huffman code using RAM. Optimal min. memory requirement.

CHOSEN-DRAWING:Dwg.2/2

TITLE-TERMS:

DECODE VARIABLE LENGTH CODE EMBED BIT STREAM COMBINATION NUMBER LEADING REMAINING BIT HUFFMAN CODE FORM ADDRESS RANDOM ACCESS MEMORY